

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (cancelled)
2. (cancelled)
3. (original) An autostereoscopic optical apparatus according to claim 2 further comprising a focusing optical element adjacent to said image source for directing light toward said left image generation system entrance pupil.
4. (original) An autostereoscopic optical apparatus according to claim 3 wherein said focusing optical element is taken from the group consisting of a Fresnel lens, a holographic optical element, a diffraction optical element, and a lens.
5. (original) An autostereoscopic optical apparatus according to claim 1 wherein said viewing pupils range in size between 5 mm and 60 mm.
6. (original) An autostereoscopic optical apparatus according to claim 1 wherein said viewing pupils are separated by an interocular distance ranging between 55 mm and 75 mm.